

I hold an amateur radio license, call K1XV. Perhaps the greatest barrier to effective amateur radio service communications, but for the inability to raise an effective antenna system, is man made RF interference. In residential environments, man made interference tends to be worse as one's ability to raise an effective antenna system is challenged.

The FCC has done, in my opinion, a reasonably good job in keeping man made interference in check, particularly with respect to electric utility companies. It is therefore with great dismay that it is my understanding that the FCC is looking to encourage BPL technology that will have the opposite effect, raising noise floors on HF reception. I understand that similar technologies were considered in Japan, and ultimately rejected for adoption because of the effect on man made RF noise.

Presently, under Part 97, the amateur radio service is called upon to operate with the lowest practical effective power. Raising noise floors will cause amateurs to either significantly curtail the intensity and effectiveness of their communications, or cause an increase in power levels generally in use to overcome the noise. This will in turn increase the number of non-amateur consumer problems as appliances such as telephones unable to suppress unwanted RF fields suddenly become "interfered with".

The internet access options available to the public today are many. Broadband cable, wireless wi-fi, DSL, satellite, and others. None of these impede other communications, at least not to the extent of BPL.

I respectfully urge the Commission to seriously consider the impact of BPL on the amateur radio service before it takes any action.